1/18/88 A5100-1.

STATISTICAL HIGHLIGHTS

GAS APPLIANCE MANUFACTURERS ASSOCIATION, INC.
1901 North Moore Street • Arlington, Va. 22209 • 703/525-9565

STATISTICS FOR THE MONTH OF NOVEMBER 1987

A summary of shipments statistics compiled by GAMA from reports by its members and releases from AHAM. Unless otherwise noted, figures represent total industry factory unit shipments.

Page	
	RESIDENTIAL RANGES
2	Gas Ranges
4	Electric Ranges
	WATER HEATERS
6	Residential
7	Commercial
	RESIDENTIAL HEATING EQUIPMENT
8	Central Furnaces
9	Boilers
10	Wall Furnaces
11	Room Heaters
12	Floor Furnaces
	EQUIPMENT FOR RECREATIONAL VEHICLES
5	Gas Ranges
12	Gas Heating Equipment
13	**GAS UNIT HEATERS and DUCT FURNACES**
14	**CLOTHES DRYERS**

Issued: January 7, 1988

RESIDENTIAL GAS RANGES

	FREE-STANDING & SLIDE-IN			OVER/UNDER		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	163,910	126,100	+30.0	6,970	6,190	+12.6
February	143,810	132,600	+8.5	6,910	5,720	+20.8
March	165,040	146,070	+13.0	7,200	7,210	-0.1
3 Months	472,760	404,770	+16.8	21,080	19,120	+10.3
April	140,130	128,100	+9.4	7,010	6,530	+7.4
May	139,040	134,700	+3.2	5,900	6,540	-9.8
June	165,400	160,570	+3.0	7,650	8,370	-8.6
6 Months	917,330	828,140	+10.8	41,640	40,560	+2.7
July	148,090 r	114,310	+29.6	6,670 r	5,670	+17.6
August	148,870 r	140,100	+6.3	7,160 r	7,160	0.0
September	180,160 r	171,260	+5.2	8,890 r	7,880	+12.8
9 Months	1,394,450 r	1,253,810	+11.2	64,360 r	61,270	+5.0
October	189,700	162,750	+16.6	8,850	9,630	-8.1
November	171,990	155,400	+10.7	6,210	7,480	-17.0
December		167,320			8,530	
YEAR-END		1,739,280			86,910	

The above figures exclude gas ranges used in travel trailers and recreational vehicles.

(r) = Revised

(Continued on Page 3)

RESIDENTIAL GAS RANGES

	DROP-IN			BUILT-IN			GRAND TOTAL		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	2,020	2,100	-3.8	7,440	7,320	+1.6	180,340	141,710	+27.3
February	1,730	2,400	-27.9	7,730	6,570	+17.7	160,180	147,290	+8.8
March	2,300	2,350	-2.1	8,950	8,160	+9.7	183,490	163,790	+12.0
3 Months	6,050	6,850	-11.7	24,120	22,050	+9.4	524,010	452,790	+15.7
April	2,150	2,300	-6.5	7,660	7,070	+8.3	156,950	144,000	+9.0
May	2,040	2,690	-24.2	7,200	6,340	+13.6	154,180	150,270	+2.6
June	2,130	2,230	-4.5	8,040	7,250	+10.9	183,220	178,420	+2.7
6 Months	12,370	14,070	-12.1	47,020	42,710	+10.1	1,018,360	925,480	+10.0
July	1,790	1,770	+1.1	7,030r	5,750	+22.3	163,580r	127,500	+28.3
August	1,470	2,410	-39.0	7,010r	6,090	+15.1	164,510r	155,760	+5.6
September	1,900 r	2,660	-28.6	9,560r	7,350	+30.1	200,510r	189,150	+6.0
9 Months	17,530 r	20,910	-16.2	70,620r	61,900	+14.1	1,546,960r	1,397,890	+10.7
October	2,800	2,040	+37.3	9,160	7,820	+17.1	210,510	182,240	+15.5
November	2,170	2,410	-10.0	7,520	7,690	-2.2	187,890	172,980	+8.6
December		2,730			8,240			186,820	
YEAR-END		28,090			85,650			1,939,930	

The above figures exclude gas ranges used in travel trailers and recreational vehicles.

(r) = Revised

ELECTRIC RANGES (a)

MONTH	FREE-STANDING (b) 1987	FREE-STANDING (b) 1986	FREE-STANDING (b) %Chg.	BUILT-IN (c) (Oven-Broiler Units) 1987	BUILT-IN (c) (Oven-Broiler Units) 1986	BUILT-IN (c) (Oven-Broiler Units) %Chg.	GRAND TOTAL 1987	GRAND TOTAL 1986	GRAND TOTAL %Chg.
January	227,600	219,200	+3.8	54,700	46,300	+18.1	282,300	265,500	+6.3
February	195,900	208,600	-6.1	51,600	44,900	+14.9	247,500	253,500	-2.4
March	224,800	192,600	+16.7	54,300	47,400	+14.6	279,100	240,000	+16.3
3 Months	648,300	620,400	+4.5	160,600	138,600	+15.9	808,900	759,000	+6.6
April	228,400	218,200	+4.7	52,800	47,400	+11.4	281,200	265,600	+5.9
May	206,700	213,100	-3.0	49,400	44,300	+11.5	256,100	257,400	-0.5
June	229,100	247,200	-7.3	60,000	53,700	+11.7	289,100	300,900	-3.9
6 Months	1,312,500	1,298,900	+1.0	322,800	284,000	+13.7	1,635,300	1,582,900	+3.3
July	233,000	231,400	+0.7	52,900	51,500	+2.7	285,900	282,900	+1.1
August	232,500	224,400	+3.6	57,200	46,500	+23.0	289,700	270,900	+6.9
September	233,500	245,200	-4.8	55,300	49,200	+12.4	288,800	294,400	-1.9
9 Months	2,011,500	1,999,900	+0.6	488,200	431,200	+13.2	2,499,700	2,431,100	+2.8
October	248,300	263,200r	-5.7	59,100	58,300	+1.4	307,400	321,500r	-4.4
November	224,200	226,700	-1.1	60,600	51,200	+18.4	284,800	277,900	+2.5
December		227,400			55,600			283,000	
YEAR-END		2,717,200			596,300			3,313,500	

(a) Source: AHAM
(b) Includes High Oven Ranges
(c) Includes Drop-In Ranges

(r) = Revised

LP-GAS RANGES FOR RECREATIONAL VEHICLES *

	RANGES (with ovens)			SURFACE UNITS (without ovens)		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	13,862	9,843	+40.8	4,895	4,854	+0.8
February	14,317	13,733	+4.3	6,481	6,514	-0.5
March	19,232	18,008	+6.8	9,128	8,067	+13.2
3 Months	47,411	41,584	+14.0	20,504	19,435	+5.5
April	15,126	14,939	+1.3	6,426	6,873	-6.5
May	14,943	16,238	-8.0	7,041	6,490	+8.5
June	15,752	13,896	+13.4	6,931	6,023	+15.1
6 Months	93,232	86,657	+7.6	40,902	38,821	+5.4
July	11,787	12,117	-2.7	5,486	4,657	+17.8
August	12,443	10,038	+24.0	4,872	6,126	-20.5
September	14,862	13,370	+11.2	7,096	5,301	+33.9
9 Months	132,324	122,182	+8.3	58,356	54,905	+6.3
October	13,409	12,158	+10.3	6,827	5,433	+25.7
November	10,392	10,276	+1.1	5,746	5,207	+10.4
December		10,814			5,474	
YEAR-END		155,430			71,019	

* Does not represent total industry shipments.

RESIDENTIAL GAS & ELECTRIC STORAGE WATER HEATERS *

	GAS WATER HEATER (Excludes Boosters)			ELECTRIC WATER HEATERS (Excludes Boosters)			TOTAL		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	345,808	337,115	+2.6	286,966	302,443	-5.1	632,774	639,558	-1.1
Februar	340,019	322,806	+5.3	278,289	274,461	+1.4	618,308	597,267	+3.5
March	351,914	342,891	+2.6	301,311	306,447	-1.7	653,225	649,338	+0.6
3 Months	1,037,741	1,002,812	+3.5	866,566	883,351	-1.9	1,904,307	1,886,163	+1.0
April	353,152	343,766	+2.7	311,316	327,339	-4.9	664,470	671,105	-1.0
May	290,477	269,580	+7.8	263,610	252,905	+4.2	554,087	522,485	+6.0
June	330,285	295,243	+11.9	299,894	275,645	+8.8	630,179	570,888	+10.4
6 Months	2,011,655	1,911,401	+5.2	1,741,388	1,739,240	+0.1	3,753,043	3,650,641	+2.8
July	297,199	291,476	+2.0	276,164	277,370	-0.4	573,363	568,846	+0.8
August	289,836	272,769	+6.3	270,759	260,352	+4.0	560,595	533,121	+5.2
September	311,719	290,442	+7.3	269,658	275,482	-2.1	581,377	565,924	+2.7
9 Months	2,910,409	2,766,088	+5.2	2,557,969	2,552,444	+0.2	5,468,378	5,318,532	+2.8
October	360,606	346,392	+4.1	294,422	304,836	-3.4	655,028	651,228	+0.6
November	310,355	293,919	+5.6	257,772	253,895	+1.5	568,127	547,814	+3.7
December		322,380			277,975			600,355	
YEAR-END		3,728,779			3,389,150			7,117,929	

* Does not represent total industry shipments.
Figures include shipments to mobile home manufacturers.

COMMERCIAL WATER HEATERS *

MONTH	GAS COMMERCIAL WATER HEATERS (a) 1987	1986	%Chg.	ELECTRIC COMMERCIAL WATER HEATERS (a) 1987	1986	%Chg.
January	18,981	19,026	-0.2	1,446	1,569	-7.8
February	18,569	17,288	+7.4	1,535	1,522	+0.9
March	17,798	15,659	+13.7	1,568	1,542	+1.7
3 Months	55,348	51,973	+6.5	4,549	4,633	-1.8
April	18,668	17,556	+6.3	1,685	1,659	+1.6
May	19,102	17,835	+7.1	1,550	1,662	-6.7
June	21,199	17,693	+19.8	1,561	1,462	+6.8
6 Months	114,317	105,057	+8.8	9,345	9,416	-0.8
July	15,773	15,629	+0.9	1,416	1,431	-1.0
August	13,019	15,262	-14.7	1,505	1,594	-5.6
September	13,728	13,144	+4.4	1,536	1,277	+20.3
9 Months	156,837	149,092	+5.2	13,802	13,718	+0.6
October	11,850	16,303	-27.3	1,568	1,580	-0.8
November	21,053	16,539	+27.3	1,415	1,331	+6.3
December		16,370			1,545	
YEAR-END		198,304			18,174	

* Does not represent total industry shipments.

(a) Includes integral tank type and copper tube or coil type commercial gas water heaters and gas swimming pool heaters.

CENTRAL HEATING FURNACES

MONTH	GAS WARM AIR FURNACES			OIL WARM AIR FURNACES			ELECTRIC WARM AIR FURNACES		
	1987	1986	%Chg.	1987	1986	%Chg.	1987	1986	%Chg.
January	168,355	154,800	+8.8	16,195	13,775	+17.6	31,385	33,710	-6.9
February	152,735	150,390	+1.6	13,510	11,370	+18.8	30,740	32,020	-4.0
March	148,845	159,825	-6.9	11,845	9,670	+22.5	39,010	33,105	+17.8
3 Months	469,935	465,015	+1.1	41,550	34,815	+19.3	101,135	98,835	+2.3
April	137,595	139,820	-1.6	10,870	9,170	+18.5	37,115	31,245	+18.8
May	118,350	150,955	-21.6	8,635	9,055	-4.6	33,435	33,450	0.0
June	139,820	149,105	-6.2	10,540	11,315	-6.8	31,965	35,425	-9.8
6 Months	865,700	904,895	-4.3	71,595	64,355	+11.3	203,650	198,955	+2.4
July	156,660	147,315	+6.3	12,380	10,245	+20.8	30,100	33,045	-8.9
August	203,020	198,855	+2.1	22,840	21,615	+5.7	33,070	28,505	+16.0
September	234,015	217,475	+7.6	31,830	30,040	+6.0	31,610	35,410	-10.7
9 Months	1,459,395	1,468,540	-0.6	138,645	126,255	+9.8	298,430	295,915	+0.8
October	240,585	251,730	-4.4	25,795	32,045	-19.5	29,100	32,155	-9.5
November	193,665	202,080	-4.2	24,290	20,845	+16.5	23,835	27,530	-13.4
December		182,455			21,395			26,990	
YEAR-END		2,104,805			200,540			382,590	

GAS & OIL BOILERS

MONTH	GAS BOILERS 1987	GAS BOILERS 1986	GAS BOILERS %Chg.	OIL BOILERS 1987	OIL BOILERS 1986	OIL BOILERS %Chg.
January	12,578	13,503	-6.9	9,227	8,531	+8.2
February	12,323	12,024	+2.5	8,337	6,972	+19.6
March	11,707	9,006	+30.0	9,306	7,641	+21.8
3 Months	36,608	34,533	+6.0	26,870	23,144	+16.1
April	8,348	8,904	-6.2	7,002	6,511	+7.5
May	9,733	8,523	+14.2	7,897	5,622	+40.5
June	14,380	13,463	+6.8	10,778	9,482	+13.7
6 Months	69,069	65,423	+5.6	52,547	44,759	+17.4
July	12,185	12,686	-3.9	9,312	8,439	+10.3
August	17,942	20,542	-12.7	12,530	13,589	-7.8
September	21,968	26,092	-15.8	15,535	15,346	+1.2
9 Months	121,164	124,743	-2.9	89,924	82,133	+9.5
October	28,402	28,918	-1.8	18,123	17,572	+3.1
November	22,541	22,792	-1.1	13,765	13,756	+0.1
December		19,569			12,145	
YEAR-END		196,022			125,606	

GAS RESIDENTIAL WALL FURNACES

MONTH	VENTED WALL FURNACES 1987	VENTED WALL FURNACES 1986	VENTED WALL FURNACES %Chg.	DIRECT VENT SYSTEM WALL FURNACES (a) 1987	DIRECT VENT SYSTEM WALL FURNACES (a) 1986	DIRECT VENT SYSTEM WALL FURNACES (a) %Chg.	TOTAL WALL FURNACES 1987	TOTAL WALL FURNACES 1986	TOTAL WALL FURNACES %Chg.
January	8,200	7,820	+4.9	5,040	4,980	+1.2	13,240	12,800	+3.4
February	7,750	10,050	-22.9	2,960	6,030	-50.9	10,710	16,080	-33.4
March	7,320	9,030	-18.9	5,430	4,010	+35.4	12,750	13,040	-2.2
3 Months	23,270	26,900	-13.5	13,430	15,020	-10.6	36,700	41,920	-12.5
April	4,790	9,330	-48.7	3,090	3,650	-15.3	7,880	12,980	-39.3
May	5,910	6,530	-9.5	3,120	4,880	-36.1	9,030	11,410	-20.9
June	6,890	8,660	-20.4	5,130	2,970	+72.7	12,020	11,630	+3.4
6 Months	40,860	51,420	-20.5	24,770	26,520	-6.6	65,630	77,940	-15.8
July	5,560	7,710	-27.9	3,260	4,040	-19.3	8,820	11,750	-24.9
August	8,410	10,830	-22.3	4,060	6,110	-33.6	12,470	16,940	-26.4
September	10,320	16,740	-38.4	6,280	8,520	-26.3	16,600	25,260	-34.3
9 Months	65,150	86,700	-24.9	38,370	45,190	-15.1	103,520	131,890	-21.5
October	14,040	16,840	-16.6	8,390	9,670	-13.2	22,430	26,510	-15.4
November	13,230	12,260	+7.9	7,310	7,970	-8.3	20,540	20,230	+1.5
December		12,120			6,180			18,300	
YEAR-END		127,920	—		69,010			196,930	

(a) Figures exclude shipments of wall furnaces for installation in recreational vehicles.

VENTED & UNVENTED ROOM HEATERS *

	VENTED ROOM HEATERS			UNVENTED ROOM HEATERS		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	5,964	4,487	+32.9	5,355	10,625	-49.6
February	3,216	3,346	-3.9	8,843	28,802	-69.3
March	5,192	4,897	+6.0	4,845	11,835	-59.1
3 Months	14,372	12,730	+12.9	19,043	51,262	-62.9
April	3,938	3,746	+5.1	5,070	4,978	+1.8
May	5,011	3,607	+38.9	15,643	7,353	---
June	7,180	7,178	0.0	10,867	9,635	+12.8
6 Months	30,501	27,261	+11.9	50,623	73,228	-30.9
July	6,778	5,844	+16.0	22,498	22,353	+0.6
August	10,124	9,172	+10.4	17,888	16,912	+5.8
September	10,854	14,765	-26.5	19,156	16,403	+16.8
9 Months	58,257	57,042	+2.1	110,165	128,896	-14.5
October	16,227	14,296	+13.5	27,423	24,578	+11.6
November	10,611	11,653	-8.9	25,263	19,869	+27.1
December		9,484			15,593	
YEAR-END		92,475			188,936	

* Does not represent total industry shipments.

OTHER HEATING EQUIPMENT *

	GAS RECREATIONAL VEHICLE HEATING SYSTEMS (a)			GAS FLOOR FURNACES		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	19,463	19,541	-0.4	1,046	2,284	-54.2
February	19,121	19,099	+0.1	1,226	1,007	+21.7
March	23,991	21,355	+12.3	1,594	1,419	+12.3
3 Months	62,575	59,995	+4.3	3,866	4,710	-17.9
April	22,769	20,006	+13.8	1,283	**	---
May	21,594	17,741	+21.7	1,716	1,098	+56.3
June	18,863	17,579	+7.3	1,122	1,372	-18.2
6 Months	125,801	115,321	+9.1	7,987	N/A	---
July	18,540	15,057	+23.1	1,092	1,502	-27.3
August	18,723	14,058	+33.2	1,271	1,686	-24.6
September	19,415	15,761	+23.2	2,424	2,667	-9.1
9 Months	182,479	160,197	+13.9	12,774	N/A	---
October	19,725	17,773	+11.0	3,711	3,107	+19.4
November	16,603	14,685	+13.1	2,032	2,195	-7.4
December		15,388			**	
YEAR-END		208,043			21,874	

* Does not represent total industry shipments.
(a) Includes Direct Vent Wall & Direct Vent Central Furnaces.
** Not reported to avoid possible disclosure.

GAS UNIT HEATERS AND DUCT FURNACES

MONTH	PROPELLER FAN TYPE UNIT HEATERS			BLOWER TYPE UNIT HEATERS			DUCT FURNACES		
	1987	1986*	%Chg.	1987	1986*	%Chg.	1987	1986*	%Chg.
January	10,199	13,146	-22.4	885	875	+1.1	1,589	1,817	-12.5
February	11,177	11,398	-1.9	793	1,150	-31.0	1,758	1,954	-10.0
March	10,998	11,305	-2.7	1,027	1,168	-12.1	1,602	1,705	-6.0
3 Months	32,374	35,849	-9.7	2,705	3,193	-15.3	4,949	5,476	-9.6
April	8,768	10,532	-16.7	630	554	+13.7	1,146	1,271	-9.8
May	10,370	9,460	+9.6	611	442	+38.2	1,005	1,086	-7.5
June	12,715	10,134	+25.5	831	788	+5.5	1,364	1,714	-20.4
6 Months	64,227	65,975	-2.6	4,777	4,977	-4.0	8,464	9,547	-11.3
July	8,447	9,042	-6.6	473	520	-9.0	1,034	727	+42.2
August	14,002	13,286	+5.4	872	960	-9.2	1,355	1,384	-2.1
September	18,836	18,593	+1.3	1,317	1,253	+5.1	1,792	2,065	-13.2
9 Months	105,512	106,896	-1.3	7,439	7,710	-3.5	12,645	13,723	-7.9
October	16,232	15,324	+5.9	1,091	1,348	-19.1	1,742	2,052	-15.1
November	17,304	16,574	+4.4	1,051	1,102	-4.6	2,281	2,104	+8.4
December		14,737			1,172			2,229	
YEAR-END		153,531			11,332			20,108	

*Revised

GAS AND ELECTRIC CLOTHES DRYERS

	GAS CLOTHES DRYERS			ELECTRIC CLOTHES DRYERS		
MONTH	**1987**	**1986**	**%Chg.**	**1987**	**1986**	**%Chg.**
January	93,200	83,000	+12.3	341,700	293,400	+16.5
February	80,400	67,600	+18.9	285,300	240,900	+18.4
March	90,700	69,100	+31.3	299,300	244,900	+22.2
3 Months	264,300	219,700	+20.3	926,300	779,200	+18.9
April	73,500	68,100	+7.9	264,200	257,300	+2.7
May	68,800	65,200	+5.5	254,300	243,600	+4.4
June	95,300	68,800	+38.5	330,800	254,800	+29.8
6 Months	501,900	421,800	+19.0	1,775,600	1,534,900	+15.7
July	81,800	77,300	+5.8	281,100	280,900	+0.1
August	87,000	79,200	+9.8	294,400	276,800	+6.4
September	104,000	89,200	+16.6	346,400	318,700	+8.7
9 Months	774,700	667,500	+16.1	2,697,500	2,411,300	+11.9
October	93,000	107,000	-13.1	310,000	352,700	-12.1
November	89,000	81,600	+9.1	302,100	268,000	+12.7
December		79,800			276,700	
YEAR-END		935,900			3,308,700	

(a) Source: AHAM. Excludes combination washer-dryers.